



Agriculture Across Michigan

USDA To Collect Final 2018 Crop Production and Crop Stocks Data

As the 2018 growing season officially comes to an end, the U.S. Department of Agriculture's National Agricultural Statistics Service (NASS) will contact producers nationwide to gather final year-end crop production numbers and the amount of grain and oilseed they store on their farms. At the same time, NASS will survey grain facility operators to determine year-end grain and oilseed stocks.

These surveys are the largest and most important year-end surveys conducted by NASS. They are the basis for estimates of acreage, production and stocks of major grains in the U.S. These estimates are the foundation for worldwide market analysis and projections for the farm economy. Data from the survey will benefit farmers and processors by providing timely and accurate information to help them make critical year-end business decisions and begin planning for the next growing and marketing season. NASS will analyze the survey information and publish the results in a series of USDA reports, including

the *Crop Production Annual Summary* and quarterly *Grain Stocks* reports, both to be released Friday, January 11, 2019.

Responses to the producer survey will be included in the County Agricultural Production Survey and used in calculating county yields. USDA uses county yield information from the survey to evaluate and administer vital farm disaster and insurance programs. Farmers who receive this survey are not included in the County Agricultural Production Survey; therefore this is their only opportunity to be included in the calculation of Michigan county yields. As with all NASS surveys, information provided by respondents is confidential, as required by federal law. NASS safeguards the privacy of all responses and publishes only aggregate data, ensuring that no individual operation or producer can be identified. These and all NASS reports are available online at www.nass.usda.gov. For more information on NASS surveys and reports, call the NASS Great Lakes Regional Field Office at (800) 453-7501.

Potato Production

Michigan's 2018 potato crop is forecast to be 17.4 million hundredweight (cwt), up 1.0 percent from a year ago. Planted acres, at 48,000, increased 1,000 acres from last year. Harvested acres, at 47,000, were up 500 from 2017. Average yield, forecasted at 370 cwt per acre, remained unchanged from the previous year. The first potato stocks estimate for the 2018 crop year will be released December 19, 2018.

Nationally, production of fall potatoes for 2018 is forecast at 417.5 million cwt, up 4 percent from 2017. Area harvested, at 913,100 acres, is up 1 percent from the 2017 estimate. The average yield forecast, at 457 cwt per acre, is up 13 cwt per acre from a year ago.

Fall potato summary, November 2018

Item	Michigan					United States		
	2016	2017	2018	Record high	Year set	2016	2017	2018
Planted..... 1,000 acres	47.0	47.0	48.0	NA	NA	923.8	906.7	919.7
Harvested... 1,000 acres	46.0	46.5	47.0	374.0	1895	909.6	901.7	913.1
Yield..... Cwt/Acre	370	370	370	390	2015	447	444	457
Production..... 1,000 Cwt	17,020	17,205	17,390	23,256	1904	406,638	400,565	417,482

September Agricultural Prices

Prices received by Michigan farmers for the full month of September 2018 are listed in the table below. Some Michigan highlights were: September corn, at \$3.39 per bushel, decreased \$0.28 from August and was unchanged from last year; September soybeans, at \$8.72 per bushel, decreased \$0.52 from last month and decreased \$0.56 from last year; September wheat, at \$5.17 per bushel, decreased \$0.11 from August and increased \$0.93 from last year; September milk, at \$15.40 per cwt., increased \$0.80 from last month and decreased \$1.10 from last year.

The September Prices Received Index (Agricultural Production), at 88.2, decreased 1.5 percent from August 2018. At 88.1, the Crop Production Index decreased 2.0 percent. The

Livestock Production Index, at 88.3, decreased 1.1 percent. Producers received lower prices for broilers, market eggs, cattle, and grapes but higher prices for milk, apples, strawberries, and sweet corn. Compared with a year earlier, the Prices Received Index is down 4.6 percent. The Crop Production Index decreased 2.0 percent and the Livestock Production Index decreased 6.9 percent. In addition to prices, the indexes are influenced by the volume change of commodities producers market. Decreased marketing of cattle, wheat, cotton, and peaches offset the increased monthly movement of soybeans, corn, apples, and dry beans. The Food Commodities Index, at 90.6, decreased 1.5 percent from the previous month and 6.9 percent from September 2017

Prices Received by Farmers¹, September 2018

Commodity	Michigan			United States		
	Sep 2017	Aug 2018	Sep 2018	Sep 2017	Aug 2018	Sep 2018
Beans, dry edible.....dollars/cwt	30.50	(D)	(D)	27.10	26.30	25.70
Corn.....dollars/bu	3.39	3.67	3.39	3.27	3.36	3.39
Hay, alfalfadollars/ton	145.00	150.00	145.00	149.00	177.00	180.00
Hay, other.....dollars/ton	110.00	130.00	120.00	114.00	130.00	130.00
Oats.....dollars/bu	2.87	2.99	3.43	2.56	2.47	2.62
Soybeansdollars/bu	9.28	9.24	8.72	9.35	8.59	8.77
Wheat, winterdollars/bu	4.24	5.28	5.17	4.11	5.23	5.14
Milk, alldollars/cwt	16.50	14.60	15.40	17.90	15.90	16.70

(D) Withheld to avoid disclosing data for individual operations.

¹ Entire month weighted average price.

Chickens and Eggs

All layers in Michigan totaled 15.9 million during September, up 13 percent from a year ago. Egg production totaled 380 million eggs, up 10 percent from last year. The rate of lay during September was 2,394 eggs per 100 layers. All

layers in the U.S. totaled 385.8 million during September, up 3 percent from a year ago. There were 22.0 million turkey poult hatched in the U.S. in September, down 5 percent from the previous year.

Egg and Hatchery Production, September 2018

Item		2017	2018	Percent Change
Michigan				
All layers	Thousand	14,041	15,865	13
Eggs per hundred layers	Number	2,463	2,394	-3
Eggs produced	Million	346	380	10
U.S.				
All Layers	Thousand	375,748	385,759	3
Eggs per hundred layers	Number	2,283	2,309	1
Eggs produced	Million	8,578	8,909	4
Turkey Eggs in incubators, Oct 1	Thousand	28,072	28,418	1
Turkey Poults hatched, Sep	Thousand	23,530	22,441	-5

Red Meat Production

Commercial red meat production in Michigan totaled 78.8 million pounds in September 2018, up 29.1 million pounds from September 2017.

Commercial red meat production for the United States totaled 4.19 billion pounds in September, down 5 percent from the 4.41 billion pounds produced in September 2017.

Beef production, at 2.16 billion pounds, was 3 percent below the previous year. Cattle slaughter totaled 2.62 million head, down 3 percent from September 2017. The average live weight was down 1 pound from the previous year, at 1,358 pounds.

Veal production totaled 6.0 million pounds, 1 percent below September a year ago. Calf slaughter totaled 48,600 head, up 11 percent from September 2017. The average live weight was down 26 pounds from last year, at 215 pounds.

Pork production totaled 2.01 billion pounds, down 7 percent from the previous year. Hog slaughter totaled 9.65 million head, down 6 percent from September 2017. The average live weight was down 2 pounds from the previous year, at 280 pounds.

Lamb and mutton production, at 11.4 million pounds, was up 1 percent from September 2017. Sheep slaughter totaled 172,700 head, 2 percent below last year. The average live weight was 132 pounds, up 4 pounds from September a year ago.

January to September 2018 commercial red meat production was 39.5 billion pounds, up 3 percent from 2017. Accumulated beef production was up 3 percent from last year, veal was up 1 percent, pork was up 3 percent from last year, and lamb and mutton production was up 5 percent.

November Crop Production

Michigan producers are anticipating record corn yields this year. The November Crop Production Report is based on conditions as of November 1, 2018. Some highlights of the report follow:

- Michigan corn yield is up 7 bushels from last year to 166 bushels per acre. Total production is expected to be 315 million bushels. If realized, the Michigan corn yield would be a record high. As of October 28, Michigan corn was 46 percent harvested, up 8 points from the 5-year average.
- Michigan Soybean yield is forecast at 48.0 bushels per acre. The yield is up 5.5 bushels from 2017, and production is forecast at 110 million bushels. Soybean harvest was 65 percent complete as of October 28, down 4 percentage points from the 5-year average.
- Sugarbeet growers anticipate a yield of 30.1 tons per acre, up 4.9 tons from last year. Production is forecast at 4.46 million tons. Sugarbeet harvest in Michigan was 58 percent complete as of the week ending October 28, up 6 points from

the 5-year average. Cooler weather allowed for beet piling to begin prior to the end of October.

- U.S. corn production is forecast at 14.6 billion bushels, down 1 percent from the October forecast but up less than 1 percent from last year. Based on conditions as of November 1, yields are expected to average 178.9 bushels per acre, down 1.8 bushels from the October forecast but up 2.3 bushels from 2017. If realized, this will be the highest yield and second highest production on record for the United States. Area harvested for grain is forecast at 81.8 million acres, unchanged from the previous estimate but down 1 percent from 2017.
- U.S. soybean production is forecast at a record 4.60 billion bushels, down 2 percent from the October forecast but up 4 percent from last year. Based on November 1 conditions, yields are expected to average 52.1 bushels per acre, down 1.0 bushel from last month but up 2.8 bushels from last year. Area for harvest in the United States is forecast at 88.3 million acres, down slightly from last month.

Area Planted and Harvested, Yield, and Production by Crop – Michigan and United States: 2016 - 2018

Commodity	Michigan			United States		
	2016	2017	2018	2016	2017	2018
Corn, all						
Planted..... 1,000 acres	2,400	2,250	2,350	94,004	90,167	89,140
Corn, grain						
Harvested..... 1,000 acres	2,040	1,890	1,900	86,748	82,703	81,767
Yield Bushels	157.0	159.0	166.0	174.6	176.6	178.9
Production..... 1,000 bu	320,280	300,510	315,400	15,148,038	14,604,067	14,625,974
Soybeans						
Planted..... 1,000 acres	2,070	2,280	2,300	83,433	90,142	89,145
Harvested..... 1,000 acres	2,060	2,270	2,290	82,696	89,522	88,343
Yield Bushels	50.5	42.5	48.0	52.0	49.3	52.1
Production..... 1,000 bu	104,030	96,475	109,920	4,296,086	4,410,673	4,599,530
Sugarbeets						
Planted..... 1,000 acres	151.0	144.0	150.0	1,163.4	1,131.2	1,122.0
Harvested..... 1,000 acres	149.0	143.0	148.0	1,126.4	1,114.1	1,098.8
Yield Tons	30.8	25.2	30.1	32.8	31.7	30.5
Production..... 1,000 tons	4,589	3,604	4,455	36,920	35,325	33,504

September Milk Production

Dairy herds in Michigan produced 880 million pounds of milk during September, down 2.1 percent from a year ago. The daily rate per cow was 69.5 pounds, down 0.5 pounds from September 2017. The dairy herd was estimated at 422,000 head for September, down 6,000 head from a year earlier. The average price of milk sold in September by Michigan dairy producers was \$15.40 per cwt., \$1.10 less than the price in September 2017.

Michigan Dairy Summary, September 2018

Item		2016	2017	2018
Cows	1,000 Hd	422	428	422
Milk per cow	Lb/day	69.5	70.0	69.5
Production	Mil lbs	880	899	880
Milk price, all	Dol/cwt	16.20	16.50	15.40
Fat test	Pct	3.59	3.69	3.61
Protein ¹	Pct	3.04	3.08	3.08

¹ FMO 33

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Thank You to our Data Providers

The USDA, NASS, Great Lakes Region and enumerator staff are pleased to provide you and the Michigan agricultural industry with current, reliable information as summarized in the following articles. This service is possible because you and other respondents provided us with timely survey responses. Thank you!